



PTO/SB/08A (10-01)

Approved for use through 10/31/2002.OMB 0651-0031

U. S. Patent and Trademark Office: U. S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO		<b>Complete if Known</b>			
		Application Number	10/603,010		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Filing Date	June 24, 2003		
		First Named Inventor	Joel L. Williams		
		Art Unit	1762		
		Examiner Name	Not Yet Assigned		
Sheet	1	of	2	Attorney Docket Number	47526/P007C1/10304861

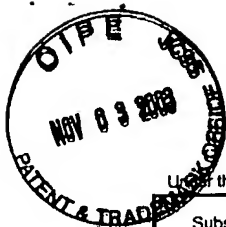
U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.†	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code* (if known)			
	A1	1,835,741 *	Dec. 08, 1931	Allen	
	A2	2,118,549 *	May 24, 1938	Cochrane, Jr.	
	A3	2,252,345 *	Aug. 12, 1941	Johnson	
	A4	2,309,090 *	Jan. 26, 1943	Bauer, et al.	
	A5	2,325,798 *	Aug. 03, 1943	Porter	
	A6	2,347,643 *	May 02, 1944	Schieman	
	A7	2,364,505 *	Dec. 05, 1944	Bennett	
	A8	2,766,807 *	Oct. 16, 1956	Marian	
	A9	3,196,038 *	Jul. 20, 1965	Schoch, et al.	
	A10	3,231,418 *	Jan. 25, 1966	Muggleton	
	A11	3,320,086 *	May 16, 1967	Rose, et al.	
	A12	3,620,899 *	Nov. 1973	Kelly, et al.	
	A13	3,716,395 *	Feb. 13, 1973	Bauer, et al.	
	A14	3,899,615 *	Aug. 12, 1975	Wallsten	
	A15	3,900,690 *	Aug. 19, 1975	Schwarz	
	A16	3,936,582 *	Feb. 1976	Keiser	
	A17	4,064,297 *	Dec. 20, 1977	Power, et al.	
	A18	4,158,712 *	Jun. 19, 1979	Degens	
	A19	4,172,160 *	Oct. 23, 1979	Stoner, III	
	A20	4,177,304 *	Dec. 04, 1979	Berry	
	A21	4,244,990 *	Jan. 13, 1981	Mayerhoffer	
	A22	4,311,748 *	Jan. 19, 1982	Casey, et al.	
	A23	4,354,449 *	Oct. 19, 1982	Zink	
	A24	4,358,481 *	Nov. 09, 1982	Wallsten	
	A25	4,391,833 *	Jul. 05, 1983	Self, et al.	
	A26	4,473,613 *	Sep. 25, 1984	Jaisle, et al.	
	A27	4,499,125 *	Feb. 12, 1985	Blasing, et al.	
	A28	4,510,199 *	Apr. 09, 1985	Brook	
	A29	4,533,600 *	Aug. 06, 1985	Coughlan, et al.	
	A30	4,609,589 *	Sep. 02, 1986	Hosoda, et al.	
	A31	4,629,634 *	Dec. 1986	Coughlan, et al.	
	A32	4,657,783 *	Apr. 14, 1987	Tatt, et al.	
	A33	4,822,640 *	Apr. 18, 1989	Tuhkanen, et al.	
	A34	4,853,255 *	Aug. 01, 1989	Onishi, et al.	
	A35	4,961,964 *	Oct. 09, 1990	Dahlgren	
	A36	5,084,318 *	Jan. 28, 1992	Stirling, et al.	
	A37	5,089,296 *	Feb. 18, 1992	Bafford, et al.	
	A38	5,395,690 *	Mar. 07, 1995	Kawahata, et al.	
	A39	5,492,722 *	Feb. 20, 1996	Tait, et al.	
	A40	5,510,161 *	Apr. 1996	Lloyd	
	A41	5,714,269 *	Feb. 03, 1998	Munzo Madrid	
	A42	5,753,871 *	May 1998	Kahara et al.	
	A43	6,001,490 *	Dec. 19, 1999	Reinacker, et al.	
	A44	6,610,358	Aug. 26, 2003	Williams, et al.	
	A45	3,983,307 *	Sep. 1976	Power, et al.	

25352628

.1

Date  
Considered

01/04



PTO/SB/08A (10-01)

Approved for use through 10/31/2002.OMB 0651-0031

U. S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete if Known</b>			
		Application Number	10/603,010		
		Filing Date	June 24, 2003		
		First Named Inventor	Joel L. Williams		
		Art Unit	1762		
		Examiner Name	Not Yet Assigned		
Sheet	2	of	2	Attorney Docket Number	47526/P007C1/10304861

A46	10/602,511	Williams, et al.
-----	------------	------------------

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	B1	EP 0,870,872 *	Dec.18, 2002	Ahlstrom Osnaburck GmbH		
	B2	JP 61,293,231 *	Dec. 24, 1986	Sanyo Kokusaku Pulp Co Ltd.		
	B3	JP 00,462,761 *	Jan. 23,1971	Yamada Kakoshi Kojo GK		
	B4	JP 05,200,745 *	Aug. 10,1993	Matsushita Electric Works Ltd.		
	B5	JP 60,119,296 *	Dec. 01, 1983	Toppan Printing KK		
	B6	CA 2,107,277	May 04,1994	Valmet Paper Machinery Inc.		
	B7	WO 94/12347 *	June 09,1994	Casco Nobel AB		
	B8	EP 0 511 129 *	Oct. 28,1992	Establishments Elce		
	B9	UK 1,060,155 *	Mar. 01,1967			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See attached Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	C1	BILLMEYER, Jr., Fred W., "Text Book of Polymer Science", 3 <sup>rd</sup> Edition, 1984, pp. 441-442.	
	C2	European Search Report, dated June 28, 2000 (App. No. EP 00 10 4402) *	
	C3	European Search Report, dated June 28, 2000 (App. No. EP 00 10 4486) *	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

25352628 .1		Date Considered	01/04
----------------	--	--------------------	-------